

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number:

10/076,632A

Source:

IFW/6

Date Processed by STIC:

1/3/07

# ***ENTERED***



IFW16

## RAW SEQUENCE LISTING

DATE: 01/03/2007

PATENT APPLICATION: US/10/076,632A

TIME: 16:37:10

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\01032007\J076632A.raw

for

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3 <110> APPLICANT: Habermann, Paul
5 <120> TITLE OF INVENTION: Nucleic Acids Encoding Hirudin Fusion Proteins and Methods
6     Producing Hirudin Fusion Proteins
8 <130> FILE REFERENCE: P 30,612 USA
10 <140> CURRENT APPLICATION NUMBER: 10/076,632A
11 <141> CURRENT FILING DATE: 2002-02-19
13 <150> PRIOR APPLICATION NUMBER: US 60/270,591
14 <151> PRIOR FILING DATE: 2001-02-23
16 <150> PRIOR APPLICATION NUMBER: DE 101 08 211.8
17 <151> PRIOR FILING DATE: 2001-02-20
19 <160> NUMBER OF SEQ ID NOS: 12
21 <170> SOFTWARE: PatentIn version 3.4
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 47
25 <212> TYPE: DNA
26 <213> ORGANISM: Artificial Sequence
28 <220> FEATURE:
29 <223> OTHER INFORMATION: Description of Artificial Sequence:hir_insf1
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35 <210> SEQ ID NO: 2
36 <211> LENGTH: 15
37 <212> TYPE: PRT
38 <213> ORGANISM: Artificial Sequence
40 <220> FEATURE:
41 <223> OTHER INFORMATION: Description of Artificial Sequence:protein hir_insf1
43 <400> SEQUENCE: 2
45 Ile Pro Glu Glu Tyr Leu Gln Arg Phe Val Asn Gln His Leu Cys
46 1           5           10           15
49 <210> SEQ ID NO: 3
50 <211> LENGTH: 47
51 <212> TYPE: DNA
52 <213> ORGANISM: Artificial Sequence
54 <220> FEATURE:
55 <223> OTHER INFORMATION: Description of Artificial Sequence: hir_insrev1
57 <400> SEQUENCE: 3
58 cctcacaagt gttggttaac aaatcgctga aggtattcct cagggat          47
61 <210> SEQ ID NO: 4
62 <211> LENGTH: 46
63 <212> TYPE: DNA
64 <213> ORGANISM: Artificial Sequence
66 <220> FEATURE:
67 <223> OTHER INFORMATION: Description of Artificial Sequence: hirf1

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70 ttttttttga tcctttggat aaaagactta cgtatactga ctgcac 46
73 <210> SEQ ID NO: 5
74 <211> LENGTH: 6
75 <212> TYPE: PRT
76 <213> ORGANISM: Artificial Sequence
78 <220> FEATURE:
79 <223> OTHER INFORMATION: Description of Artificial Sequence: protein hirf1
81 <400> SEQUENCE: 5
83 Leu Thr Tyr Thr Asp Cys
84 1 5
87 <210> SEQ ID NO: 6
88 <211> LENGTH: 24
89 <212> TYPE: DNA
90 <213> ORGANISM: Artificial Sequence
92 <220> FEATURE:
93 <223> OTHER INFORMATION: Description of Artificial Sequence: insncolrev
95 <400> SEQUENCE: 6
96 tttttttccat gggtcgacta tcag 24
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100 <211> LENGTH: 59
101 <212> TYPE: DNA
102 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: Description of Artificial Sequence: Hir_insf
107 <400> SEQUENCE: 7
108 atccctgagg aataccttca gggaaattcg gcacgatttg ttaaccaaca cttgtgtgg 59
111 <210> SEQ ID NO: 8
112 <211> LENGTH: 12
113 <212> TYPE: PRT
114 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: Description of Artificial Sequence: protein Hir_insf
119 <400> SEQUENCE: 8
121 Gly Asn Ser Ala Arg Phe Val Asn Gln His Leu Cys
122 1 5 10
125 <210> SEQ ID NO: 9
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127 <212> TYPE: DNA
128 <213> ORGANISM: Artificial Sequence
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131 <223> OTHER INFORMATION: Description of Artificial Sequence: Hir_insrev
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137 <210> SEQ ID NO: 10
138 <211> LENGTH: 34
139 <212> TYPE: DNA
140 <213> ORGANISM: Artificial Sequence
142 <220> FEATURE:

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Input Set : A:\Sequence Listing.txt

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143 <223> OTHER INFORMATION: Description of Artificial Sequence: pichia\_H\_lf1  
 145 <400> SEQUENCE: 10  
 146 tttttttctc gagaaaagac ttacgtatac tgac 34  
 149 <210> SEQ ID NO: 11  
 150 <211> LENGTH: 41  
 151 <212> TYPE: DNA  
 152 <213> ORGANISM: Artificial Sequence  
 154 <220> FEATURE:  
 155 <223> OTHER INFORMATION: Description of Artificial Sequence: pichia\_H\_Irev2  
 157 <400> SEQUENCE: 11  
 158 ttttttggcg ccgaattcac tattagttac agtagttttc c 41  
 161 <210> SEQ ID NO: 12  
 162 <211> LENGTH: 5  
 163 <212> TYPE: PRT  
 164 <213> ORGANISM: Artificial Sequence  
 166 <220> FEATURE:  
 167 <223> OTHER INFORMATION: Description of Artificial Sequence: linker between  
 168 hirduin-encoding sequence and sequence encoding a protein that is  
 169 produced in and secreted by yeast  
 171 <400> SEQUENCE: 12  
 173 Gly Asn Ser Ala Arg  
 174 1 5

**VERIFICATION SUMMARY**

DATE: 01/03/2007

PATENT APPLICATION: US/10/076,632A

TIME: 16:37:11

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\01032007\J076632A.raw